



**R3236**

RIGID COUPLINGS

**Material**

Steel.

**Technical Notes**

Capable of withstanding bending movements. Compact size.

Shaft & hub surface roughness: Rt max.

16µ, Ra 3µ

**Tips**

Do not use any oil with molybdenum bisulfide, high pressure additives, or grease as these reduce the coefficient of

friction.

Max torque (Mt) and Axial thrust (Fa) values are only valid if standard oils are used.

**Important Notes**

Assembly:

Carefully clean the hub and shaft contact surfaces and apply a film of lightweight oil. Slide the locking assembly into the hub bore, insert the shaft and tighten gradually in cross sequence to 50% of Torque value indicated in table.

Repeat the same operation by tightening all screws to rated torque.

Re-check screws are torqued up to torque value in the table.

Disassembly:

Loosen the cap screws. Insert the screws into the dismantling threading and tighten gradually and regularly in crossed sequence up to 50% of Torque value indicated in the rating table. When the front cone is loose, to release the rear cone keep tightening the screws and repeat the sequence above.

Order No.	d <sub>1</sub> tol. h8	l <sub>1</sub>	d <sub>2</sub> tol. H8	l <sub>2</sub>	No. of screws	d <sub>3</sub>	d <sub>4</sub>	Torque to Nm	d <sub>5</sub>	l <sub>3</sub>	l <sub>4</sub>	M <sub>t</sub> torque Nm max.	F <sub>a</sub> kN max.	P <sub>a</sub> N/mm <sup>2</sup> max.	P <sub>m</sub> N/mm <sup>2</sup> max.	Weight kg
R3236.008	8	12	15	9	3	32	28	5	M4x12	24	28	30	7	190	105	0,050
R3236.009	9	14	16	9	3	32	28	5	M4x12	27	31	32	7	150	92	0,059
R3236.010	10	14	16	9	3	32	28	5	M4x12	27	31	40	9	140	90	0,056
R3236.011	11	14	18	9	4	34	30	5	M4x12	27	31	50	9	175	107	0,064
R3236.012	12	14	18	9	4	34	30	5	M4x12	27	31	55	9	161	107	0,070
R3236.014	14	14	23	9	4	39	35	5	M4x12	27	31	64	9	137	84	0,103
R3236.015	15	16	24	13	4	45	40	17	M6x17	36	42	99	13	162	101	0,209
R3236.016	16	16	24	13	4	45	40	17	M6x18	36	42	105	13	152	101	0,218
R3236.017	17	16	26	13	4	45	40	17	M6x15	36	42	190	23	200	140	0,216
R3236.018	18	18	26	13	4	47	42	17	M6x18	38	44	158	18	160	111	0,226
R3236.019	19	18	27	13	4	48	43	17	M6x18	38	44	167	18	151	107	0,248
R3236.020	20	18	28	13	4	49	44	17	M6x18	38	44	176	21	144	103	0,248
R3236.022	22	25	32	13	4	54	48	17	M6x18	45	51	232	21	113	78	0,325
R3236.024	24	25	34	13	4	56	50	17	M6x18	45	51	253	21	103	73	0,344
R3236.025	25	25	34	13	4	56	50	17	M6x18	45	51	263	21	99	73	0,332
R3236.028	28	25	39	13	6	61	55	17	M6x18	45	51	368	31	111	80	0,410
R3236.030	30	25	41	13	6	63	57	17	M6x18	45	51	474	31	124	91	0,414
R3236.032	32	30	43	13	6	65	59	17	M6x18	50	56	505	31	97	72	0,478
R3236.035	35	30	47	13	8	69	63	17	M6x18	50	56	737	42	119	88	0,546
R3236.038	38	30	50	13	8	72	66	17	M6x18	50	56	800	42	109	83	0,580
R3236.040	40	32	53	13	8	75	69	17	M6x18	52	58	947	53	109	82	0,626
R3236.042	42	32	55	23	8	77	71	42	M8x22	52	70	994	78	104	79	0,880
R3236.045	45	40	59	16	8	85	79	42	M8x22	64	72	1750	78	127	97	1,032



Order No.	d <sub>1</sub> tol. h8	l <sub>1</sub>	d <sub>2</sub> tol. H8	l <sub>2</sub>	No. of screws	d <sub>3</sub>	d <sub>4</sub>	Torque to Nm	d <sub>5</sub>	l <sub>3</sub>	l <sub>4</sub>	M <sub>t</sub> torque Nm max.	F <sub>a</sub> kN max.	P <sub>a</sub> N/mm <sup>2</sup> max.	P <sub>m</sub> N/mm <sup>2</sup> max.	Weight kg
<b>R3236.048</b>	48	40	62	16	8	88	82	42	M8x22	64	72	1867	78	120	93	1,108
<b>R3236.050</b>	50	50	65	16	10	92	85	42	M8x22	74	82	2431	97	115	98	1,270
<b>R3236.055</b>	55	50	71	16	10	98	91	42	M8x22	74	82	2674	97	104	81	1,480
<b>R3236.060</b>	60	50	77	16	10	104	97	42	M8x22	74	82	2917	97	96	75	1,658
<b>R3236.065</b>	65	50	84	16	10	111	104	42	M8x22	74	82	3160	97	88	69	1,922
<b>R3236.070</b>	70	60	90	20	10	122	115	84	M10x25	91	101	4322	123	87	67	2,692
<b>R3236.075</b>	75	60	95	20	10	126	119	84	M10x25	91	101	6171	197	93	74	2,950
<b>R3236.080</b>	80	65	100	20	12	131	124	84	M10x25	96	106	7899	237	97	77	3,342
<b>R3236.085</b>	85	65	106	20	12	137	130	84	M10x25	96	106	8393	237	91	73	3,622
<b>R3236.090</b>	90	65	112	20	12	143	136	84	M10x25	96	106	10367	276	100	51	3,956
<b>R3236.095</b>	95	65	120	20	14	153	144	84	M10x25	96	106	10943	276	95	75	4,648
<b>R3236.100</b>	100	65	125	24	12	162	153	145	M12x30	102	114	14520	348	114	91	6,000